

Application No. 10/614,964

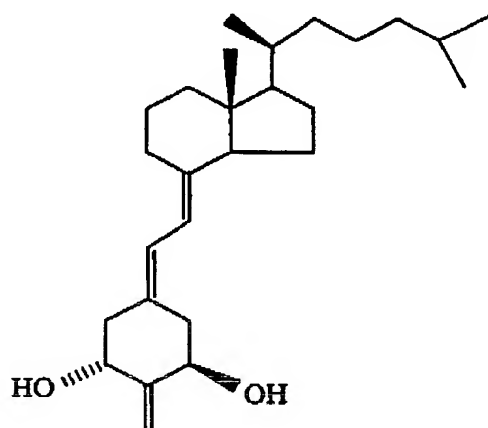
Response to Restriction Requirement Dated September 25, 2006

Reply to Office Action of August 25, 2006

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Withdrawn) A method of treating psoriasis comprising administering to a patient with psoriasis an effective amount of (20S)-1 α -hydroxy-2-methylene-19-nor-vitamin D₃ having the formula:



2. (Withdrawn) The method of claim 1 wherein (20S)-1 α -hydroxy-2-methylene-19-nor-vitamin D₃ is administered orally.

3. (Withdrawn) The method of claim 1 wherein (20S)-1 α -hydroxy-2-methylene-19-nor-vitamin D₃ is administered parenterally.

4. (Withdrawn) The method of claim 1 wherein (20S)-1 α -hydroxy-2-methylene-19-nor-vitamin D₃ is administered transdermally.

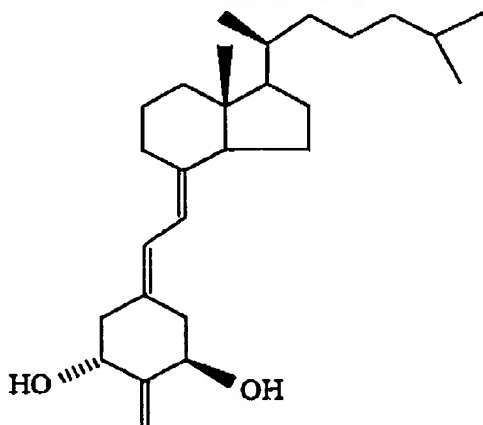
5. (Withdrawn) The method of claim 1 wherein (20S)-1 α -hydroxy-2-methylene-19-nor-vitamin D₃ is administered topically.

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12. (Withdrawn) A method of treating an autoimmune disease selected from the group consisting of multiple sclerosis, lupis, diabetes, mellitus, host versus



graft reaction, and rejection of organ transplants, comprising administering to a patient with said disease an effective amount of (20S)-1 α -hydroxy-2-methylene-19-nor-vitamin D₃ having the formula:

13. (Withdrawn) The method of claim 12 wherein (20S)-1 α -hydroxy-2-methylene-19-nor-vitamin D₃ is administered orally.

14. (Withdrawn) The method of claim 12 wherein (20S)-1 α -hydroxy-2-methylene-19-nor-vitamin D₃ is administered parenterally.

15. (Withdrawn) The method of claim 12 wherein (20S)-1 α -hydroxy-2-methylene-19-nor-vitamin D₃ is administered transdermally.

16. (Withdrawn) The method of claim 12 wherein (20S)-1 α -hydroxy-2-methylene-19-nor-vitamin D₃ is administered in a dosage of from about 0.01 μ g/day to about 100 μ g/day.

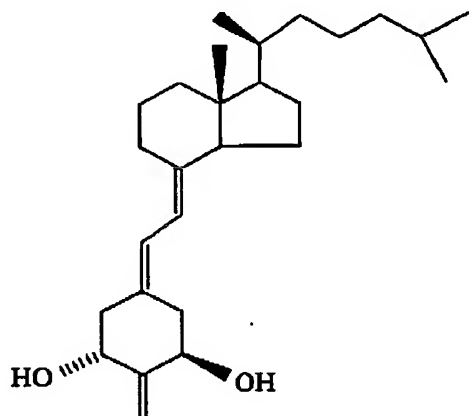
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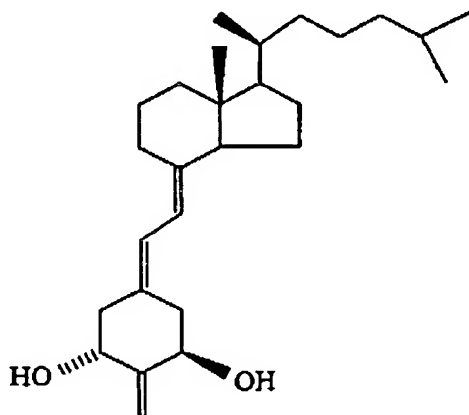
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22. (Original) (20S)-1 α -hydroxy-2-methylene-19-nor-vitamin D₃ having the formula:



23. (Withdrawn) A method of treating a skin condition selected from the group consisting of wrinkles, lack of adequate skin firmness, lack of adequate dermal hydration and insufficient sebum secretion which comprises administering to a patient with said skin condition an effective amount of (20S)-1 α -hydroxy-2-methylene-19-nor-vitamin D₃ having the formula:



24. (Withdrawn) The method of claim 23 wherein (20S)-1 α -hydroxy-2-methylene-19-nor-vitamin D₃ is administered orally.

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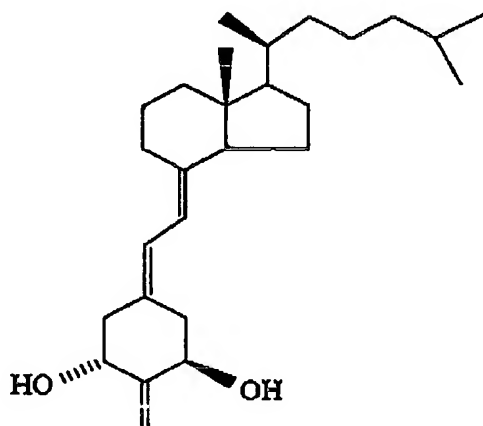
25. (Withdrawn) The method of claim 23 wherein (20S)-1 α -hydroxy-2-methylene-19-nor-vitamin D₃ is administered parenterally.

26. (Withdrawn) The method of claim 23 wherein (20S)-1 α -hydroxy-2-methylene-19-nor-vitamin D₃ is administered transdermally.

27. (Withdrawn) The method of claim 23 wherein (20S)-1 α -hydroxy-2-methylene-19-nor-vitamin D₃ is administered topically.

28. (Withdrawn) The method of claim 23 wherein (20S)-1 α -hydroxy-2-methylene-19-nor-vitamin D₃ is administered in a dosage of from about 0.01 μ g/day to about 100 μ g/day.

29. (Withdrawn) A method of treating a metabolic bone disease where it is desired to maintain or increase bone mass comprising administering to a patient with said disease an effective amount of (20S)-1 α -hydroxy-2-methylene-19-nor-vitamin D₃ having the formula:



30. (Withdrawn) The method of claim 29 wherein (20S)-1 α -hydroxy-2-methylene-19-nor-vitamin D₃ is administered orally.

31. (Withdrawn) The method of claim 29 wherein (20S)-1 α -hydroxy-2-methylene-19-nor-vitamin D₃ is administered parenterally.

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32. (Withdrawn) The method of claim 29 wherein (20S)-1 α -hydroxy-2-methylene-19-nor-vitamin D₃ is administered transdermally.

33. (Withdrawn) The method of claim 29 wherein (20S)-1 α -hydroxy-2-methylene-19-nor-vitamin D₃ is administered in a dosage of from about 0.01 μ g/day to about 100 μ g/day.

34. (Withdrawn) The method of claim 29 where the disease is senile osteoporosis.

35. (Withdrawn) The method of claim 29 where the disease is postmenopausal osteoporosis.

36. (Withdrawn) The method of claim 29 where the disease is steroid-induced osteoporosis.

37. (Withdrawn) The method of claim 29 where the disease is low bone turnover osteoporosis.

38. (Withdrawn) The method of claim 29 where the disease is osteomalacia.

39. (Withdrawn) A compound having the formula:

